RECEIVED

STATE OF MISSOURI

Mel Carnahan, PROMIDE ECHAIR, Direc

### DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY-St. Louis Regional Office 10805 Sunset Office Drive, Suite 100 St. Louis, MO 63127-1017 (314)822-0101 FAX (314)822-0943

May 19, 1995

Mr. Duane Kiewitt Sporlan Valve Company 611 E. 7th Street Washington, MO 63090

RECEIVED
MAY 25 1995

HAZARDOUS WASTE PROGRA! Dear Mr. Kiewitt:

HAZARDOUS WASTE PROGRESSION. #95-SL.026

MISSOURI DEPARTMENT OF

This is a Letter of Warning (L.O.WAT) resulting from a May 10,

1995, hazardous waste inspection of Sporlan Valve Company conducted by Ms Doris Mann of my staff. The inspection was conducted under the authority of the Resource Conservation and Recovery Act (RCRA) of 1976 and Sections 260.375(9) and 260.377 of the Missouri Waste Management Law (1977) as amended.

Please review the attached Inspection Record and Checklist used by the inspector during the inspection. Circled citations on the checklist indicate violations noted during the inspection. Comments section of the checklist documents the observations of the inspector or information obtained that resulted in the citation.

In order to ensure the facility returns to compliance, the following is required:

- Seal the base of the hazardous waste containment system and certify the base is impervious to hazardous waste stored in the system.
- 2. Certify all stored hazardous waste containers have been labeled and will be labeled during the entire on-site storage period.
- 3. Certify all future hazardous waste manifests will include the generator's phone number.
- 4. Review Sporlan Valve's attached Notification of Hazardous Waste Activity form dated 5/1/89 (Attachment #4). Submit an updated form as necessary. Sporlan Valve's hazardous waste cutting oil is not indicated on form.



RCRA Records Center

RECYCLED PAPER

Sporlan Valve Company (HW) May 19, 1995 Page 2

In order to document that corrective actions have been taken, you are requested to submit a written response no later than June 19, 1995. The response should describe the actions taken and/or a schedule for completion of necessary action to correct the violations identified. Please direct the response to Ms Mann's attention. You should also forward a copy of your response and supporting documents to Mr. Tom Judge, Acting Chief - Enforcement Section, Hazardous Waste Program, P.O. Box 176, Jefferson City, Missouri 65102. Should you have any questions or wish to confer in this matter, please contact Ms Mann.

Sincerely,

ST. LOUIS REGIONAL OFFICE

et & P.E.b

Robert S. P. Eck Regional Director

PEM RSPE/DEM/lo

Enclosure

c: HWP



### MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE PROGRAM LARGE QUANTITY GENERATOR INSPECTION RECORD AND CHECKLIST

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		LUG-INSP.
FOR FACILITIES THAT GENERATE/ACCUMULATE > 1000 Kg (2,2	00 lbs. or approximately, 5 drur	ns)
IAME // /	DATE	EPA I.D. NUMBER
Sporlan Value	3/10/95	MODO06299200
ADDRESS - SAC	RR NO.	MO I.D. NUMBER
63090		60/9//
CITY NUMBER OF EMPLOYEES	YEARS AT SITE	TELEPHONE NUMBER
Washington, MO 200	45	314-239-3732
FACILITY REPRESENTATIVE(S), TITLE(S)		
Duane Kiewitt, Engineer		
DESCRIPTION OF THE FACILITY'S OPERATIONS AND PLANT.		
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Sporlan Valve manufactures refrigeration valve parts which are later assembled at Sporlan's facility on West Main St. in Washington. The valves are used in air conditioners and supermarket refrigeration cases. The facility has been located at the site for 45 years and a residential neighborhood has developed around it. Sporlan employs 200 people and operates during one daytime shift, with a skeleton crew on evenings.

Operations include machining, brazing, electroplating, welding, degreasing, punch and drill pressing and plating. Sporlan drains all rinse water from the plating operation through a wastewater pretreatment system on site. Sporlan is a large quantity generator as over 2,200 pounds of hazardous waste was observed on site.

Attachment #1 - Facility Layout

Attachment #2 - Waste Profiles (Trichloroethylene, Sludge, Mineral Spirits)

Attachment #3 - Material Safety Data Sheets,

Attachment #4 - Notification of Hazardous Waste Activity - 5/1/89

WASTE STREAMS			
DESCRIBE EACH WASTE STREAM GENERATED INCLUDING THE PRODUCTION PROCESS	GENERATION RATE	EPA ID NUMBER	DISPOSITION
Waste water Sludge - Fludge is removed from pretreatment system. Runse water + plating boths draw through pretreatment system	25280 165/month	F006 D006 D007, D008	Hentoge Env. service Treatment
Waste Trichloroethylene-from 2. 2 degreasing units	2300 lbs/ month Est.	2001	Sofety Kloen Ruycle
Waste Petroleum Napsha. Used to 3. Clean equipment - 3 satellite storage drums of Mineral spirits Waste Oil - CHazardous) - Waste cutting 4. Oils used as a lubricant in various	1826 169 monds Est.	D001	SofetyKkee Recycles
Waste Oil-CHazardous) - Woste culting 4. Oils used as a lubricant in various mochines (Screw machines)	L month Est.	7002 D040	Sofeta
Waste Oil + Oily Water - Juliecants + Water based Coolants used in	NA	Non Hazardon	Sofety s Kleen
CHECK ALL THAT APPLY (Specify if possible)	4.180 · 180		f
	aste Landfill Vater Pretreatme	nt .	
MO 780-0854 (7-92)	vator i retreatmen		LOG PAGE 1 OF 7

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B. PRETRANSPORT, CONTAINERIZATION & STORAGE		
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া প্রতিক্রিক জন্ম জন্মজন্ম নির্বাহিত বা চান্ট প্রস্থা চাতি ভিনাসভালন উল্লেখ্য বিজ্ঞান ক্রিক্তার প্রস্থান ক্রিক্তালয় ক্রিক্তাল		, , , , , , , , , , , , , , , , , , ,
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ি প্রায়েশিক বার্ল্যাকু চিত্রালিকানিক করিব ব্যৱহারকারে ও: চুক্তাকার্বর (জ্যা ভারে সাধ্য স্থা কর্মান্ত হিন্দু জন্মান্ত প্রায়েশ্বর ব্যবহার চান্ত্রেলানুর এট ক্রিম প্রায় ক্ষিত্রেল ক্ষেত্রেলানার বিচাসিক প্রায় ক্ষিত্র ক্ষেত্র	জ•়	
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10 CSR 25-5.262 (2)(C)2.B.(IN)(a).	GOR	Containment system did not have
8. Containers protected from contact with accumulated liquids - 10 CSR 25-5.262(2)(C)2.B.(III)(b).	GOR	an impervious courty
capacity of containment system = 10% of waste volume or volume of largest container, whichever is greater - 10 CSR 25-5.262(2)(C)2.B.(III)(c).	GOR	
10. Run-on onto the containment system is prevented or excess capacity is provided - 10 CSR 25-5.262(2)(C)2.B.(III)(d).	GOR	
11. Accumulated liquids removed to prevent overflow of containment - 10/CSR 25-5.262(2)(C)2.B.(III)(e).	GOR	
12. Containers of ignitable or reactive waste stored >50 ft. from property line (or meet requirements) - 10 CSR 25-5.262(2)(C)5. referencing 40 CFR 265.176 as amended by 10 CSR 25-7.265(2)(I)7.and 8.	GPT	•
13. Containers clearly marked "hazardous waste" - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(3)	GPT	6- bags of waste Sludge
Waste packaged/labeled/marked per DOT during entire on-site storage period - 10 CSR 25-5-262(2)(C)1.	GOR	6 - bags of waste Sludge did not have required class 9 label per D. Kewitt
15. Date of accumulation marked on containers - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(2)	GPT	
16. Facility inspected and maintained (weekly) - 10 CSR 25-5262(2)(C)2.A.(I) and (II) referencing 40 CFR 265.174	GPT	
17. Daily inspection of areas subject to spills, i.e., waste handling areas - 18 CSR 25-5.262(2)(C)2.A.(II)	GOR	
18. Adequate aisle space is available - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.35	GPT	
19. Placards available for transporter - 10 CSR 25-5.262(1) incorporating 40 CFR 262.33	GPT	,
20. Who Smoking" signs conspicuously placed by ignitable or reactive wastes - 10 CSR 25-5.262(2)(C)2.D(II)	GOR	
21. Waste oil containers in good condition, labeled and closed - 10 CSR 25-11.010(3)(C)	GOR	Satellete only - 1-55 god
SATELLITE ACCUMULATION	: 1	
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6. [	Container marked identifying 5,262(2)(C)3.	contents & beginning date	te - 10 CSR 25-	GOR		*
7.	Stored in satellite areas less t	han 1 year - 10 CSR 25-5.2	262(2)(C)3.	GOR		
D. F	PREPAREDNESS AND PREV			DURES		
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2. [	Adequate and proper spill gquipment available (fire blan			CDT		
	- 10 CSR 25-5.262 (2)(C)2.E.	keis, respirators, SOBA, at	osorbenits, etc.)	GPI		
3. 🖸	Adequate water supply and fir			GPT		
	incorporating 40 CFR 262.34(				2	
4. L	Device in the hazardous wast emergency assistance - 40 CFR 262.34(a)(4) referenci	10 CSR 25-5.262(1)		GPT		
5.	Telephone or two-way radio	on-site and capable of su				
	fire or police department 40 GFR 262.34(a)(4) referenci		incorporating	GPT		2
6.	Communication and emerge					
٠	10 CSR 25-5.262(1) incorpora CFR 265.33	ating 40 CFR 262.34(a)(4)	referencing 40	GPT		
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L	QG TANKS					
	<b>QG TANKS</b> TANK DESIGNATION	CONTENTS	CAPACI	TY	CONTAINMENT	AGE
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	্যালালনার প্রবিশ্বসাধানার করিছে করিছে প্রতিষ্ঠান করিছে প্রতিষ্ঠানিক স্থানিক স	3)			
	துகள்ளுக்கு குறையாகும் அன்ன நாற்குள் இடங்குக் குறுமுறை.				
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	vanightige gifer ling in 1998 is Sur 1964 Affect, incompanying in the und grange transmission in 1984 Affects.				
i. U	Secondary containment system constructed of or lined with impervious waste compatible material - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(1)	GPT	*		
. <b>-</b>	Containment system supported by base capable of preventing failure due to settlement, compression or uplift - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(2)	GPT			
. 🗆	Containment system provided with a leak detection system capable of detecting a release within 24 hours - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(3)	GPT			
. 🗆	Containment system sloped or designed to drain and remove liquids - 10 CSR 25-5.262(2)(C)2.C. referencing 10 CSR 25-5.262(2)(C)2.B. (III)(b)	GOR			
. 🗆	Containment system capable of containing 100% of the capacity of the largest tank - 10 CSR 25-5.262(2)(C)2.C. referencing 10 CSR 25-5.262(2)(C)2.B.(III)(c)	GOR			
S. 🗆	Containment system free of cracks or gaps - 10 CSR 25-5.262(2)(C)2.C. referencing 10 CSR 25-5.262(2)(C)2.B. (III)(a)	GOR			
7. 🗆	Run-on onto containment system prevented or excess capacity is provided - 10 CSR 25-5.262(2)(C)2.C. referencing 10 CSR 25-5.262(2)(C)2.B.(III)(d)	GOR		æ	
s. 🔲	Spilled or leaked waste and precipitation removed from secondary containment within 24 hours or as soon as possible - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(c)(4)	GPT			
). <b></b>	Tanks are clearly labeled or marked "Hazardous Waste" - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(3)	GPT			
). 🗆	Daily inspections of overfill/spill control equipment, aboveground portions of tank system, secondary containment, and data gathered from monitoring equipment - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.195(a)	GPT			
. 🗆	Inspection log maintained - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.195(c)	GPT			
2.	Cathodic protection systems inspected annually, impressed current sources every two months - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.195(b)	GPT	, ,		
. <b></b>	Detailed written assessment by an independent, qualified, professional engineer for tanks installed after July 14, 1986, prepared and on-site-10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.192	GPT	e		
. 🗆	Written assessment by an independent, qualified, professional engineer prepared and on-site for tanks lacking secondary containment - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.191	GPT			
. 🗆	Leak test, internal inspection or tank integrity exam performed annually and documented, by an independent, qualified, professional engineer for tanks lacking secondary containment - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(1) referencing 40 CFR 265.193(i)	GPT			
	Leak/spill response resulted in: waste flow stopped immediately; waste				
	removal; containment and removal of visible releases to the environment; notification and report; and repair or closure - 10 CSR	GPT			

### **PART 2: RECORDS INSPECTION**

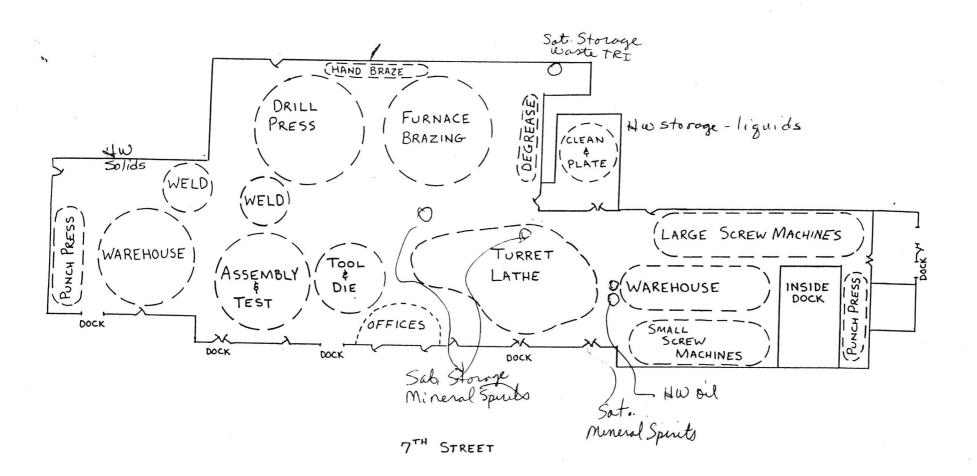
r. MANIFESIS	-	
িক্যানামি করেছে সম্প্রাধিক বিজ্ঞানে স্থাপ্ত ক্রিটি চান্ত ক্রাজালন করে এই জন্মই আ ব সাক্ষাজ্ঞান	(GIMIF	COMMENTS
2. Records maintained for a 3-year period - 10 CSR 25-5.262(1) incorporating 40 CFR 262.40(a)	GRR	
3. Generator's MO & EPA I.D. Numbers - 10 CSR 25-5.262(2)(B)	GOR	
4. Manifest document, ID and consecutive shipment numbers - 10 CSR 25-5.262(2)(B)2.A.		1. 1. 4. 0.0
5. Generator's name, address and phone number - 10 CSR 25- \$262(2)(B)2.	GMR	100/911-13/+129 Manifests did not include generator's phonett
6. All transporters' names, phone numbers, MO & EPA I.D.#'s, license plate # - 10 CSR 25-5.262(2)(B)2.	GMR	- 0
7. Designated facility name, address, phone, MO & EPA I.D. #, - 10 CSR 25-5.262(2)(B)2.	GMR	
8. DOT shipping name, Hazard Class and waste I.D. # (RQ - if required) 10 CSR 25-5.262(2)(B)2.	GMR	
9. Containers, quantity and specific gravity designated - 10 CSR 25-5.262(2)(B)2.	GMR	
10. Manifest signed and dated - 10 CSR 25-5.262(2)(B)2.	GMR	
11. Out of state manifests have all required MO information - 10 CSR 25-5.262(2)(B)4.A.	GOR	
12. Manifest continuation sheets are not used - 10 CSR 25-5.262(2)(B)1.	GOR	
13. Manifest returned within 35 days - or exception report submitted within 45 days - 10 CSR 25-5.262(2)(D)2.C.	GRR	
14. Summary Manifest Reports and manifest copies sent to DNR quarterly - 10 CSR 25-5.262(2)(D)1.	GOR	
G. LAND DISPOSAL RESTRICTIONS		
i		COMMENTS
		COMMENTS
JE (CIMBELTION ENG ALGOS) - (A SS Act 265 : massemble Ar (CE: 26: 76) □ Dimini (A 26: 76)	(8) S	COMMENTS
টি কেলেওল্টোলো নিজ বিহাততা বি উঠা ইছা এক চন্দ্ৰক কলেও বা কোই এই দিল্ল টি উটি প্ৰস্কৃতিক লগেই দুটা কেবাল্যনা বান্তানক ৮ এই কলেওল্ডান্ টি উটি ইটি বিশ্বিক কলেওলেলেড্ডি কেইছ বিশ্ব বি 3. ☑ "Land-Baŋ" notification/certification, sent with manifests and retained	GLB	COMMENTS
3. ☐ "Land-Ban" notification/certification, sent with manifests and retained on-site forfive years - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)  4. ☐ Notification/certification includes correct EPA Hazardous Waste number, corresponding treatment standards, manifest number, and waste analysis data - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)  5. ☐ Waste analysis plan on-site and utilized if generator treats hazardous waste in tanks or containers to meet LDR treatment standards - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)(4)	GLB	COMMENTS
3. — "Land-Ban" notification/certification, sent with manifests and retained on-site for five years - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)  4. Notification/certification includes correct EPA Hazardous Waste number, corresponding treatment standards, manifest number, and waste analysis data - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)  5. Waste analysis plan on-site and utilized if generator treats hazardous waste in tanks or containers to meet LDR treatment standards - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)  H. PERSONNEL TRAINING	GLB GLB	COMMENTS
3. ☐ "Land-Ban" notification/certification, sent with manifests and retained on-site forfive years - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)  4. ☐ Notification/certification includes correct EPA Hazardous Waste number, corresponding treatment standards, manifest number, and waste analysis data - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)  5. ☐ Waste analysis plan on-site and utilized if generator treats hazardous waste in tanks or containers to meet LDR treatment standards - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)(4)	GLB GLB GLB	COMMENTS
3. — "Land-Bag" notification/certification, sent with manifests and retained on-site for five years - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)  4. Notification/certification includes correct EPA Hazardous Waste number, corresponding treatment standards, manifest number, and waste analysis data - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)  5. Waste analysis plan on-site and utilized if generator treats hazardous waste in tanks or containers to meet LDR treatment standards - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)(4)  H. PERSONNEL TRAINING  1. Personnel are trained to respond to emergencies including the use of alarm systems, emergency equipment and contingency plan - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR	GLB GLB GLB	
Dilution to Wasie to mea QDF meatment statistics is no coentring to SE 25 268(1) intersponding 48 SE 268 4.3.  "Land-Bay" notification/certification, sent with manifests and retained on-site forflive years - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)  Notification/certification includes correct EPA Hazardous Waste number, corresponding treatment standards, manifest number, and waste analysis data - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)  Waste analysis plan on-site and utilized if generator treats hazardous waste in tanks or containers to meet LDR treatment standards - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)(4)  H. PERSONNEL TRAINING  Dersonnel are trained to respond to emergencies including the use of alarm systems, emergency equipment and contingency plan - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(b)  Employees do not work in unsupervised positions until they have completed the training - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(b)  Training reviewed annually - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(c)	GLB GLB GPT GPT	
3. — "Land-Bap" notification/certification, sent with manifests and retained on-site for five years - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)  4. — Notification/certification includes correct EPA Hazardous Waste number, corresponding treatment standards, manifest number, and waste analysis data - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)  5. — Waste analysis plan on-site and utilized if generator treats hazardous waste in tanks or containers to meet LDR treatment standards - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)(4)  H. PERSONNEL TRAINING  1. — Personnel are trained to respond to emergencies including the use of alarm systems, emergency equipment and contingency plan - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(a)(3).  2. — Employees do not work in unsupervised positions until they have completed the training - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(b)  3. — Training reviewed annually - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(b)	GLB GLB GPT GPT	
Dilution to trase to mea LDE meatinent standards in the consiste for five years - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)  4. Notification/certification includes correct EPA Hazardous Waste number, corresponding treatment standards, manifest number, and waste analysis data - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a)  5. Waste analysis plan on-site and utilized if generator treats hazardous waste in tanks or containers to meet LDR treatment standards - 10 CSR 25-7.268(1) incorporating 40 CFR 268.7(a) (4)  H. PERSONNEL TRAINING  1. Personnel are trained to respond to emergencies including the use of alarm systems, emergency equipment and contingency plan - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 262.34(a)(4) re	GLB GLB GPT GPT GPT	

6. 🗗	Gives job title, job description and name of employee filling each position - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(d)(1) and (2)	GPT	COMMENTS
7. <b>Ø</b>	Written description of introductory and continuing training that will be given to each position - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(d)(3)	GPT	
-	Documentation of training completed by personnel - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(d)(4)	GPT	
	Records of current personnel maintained until facility closure, former employee records maintained for at least three years - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.16(e)	GPT	
	NTINGENCY PLAN		
	Contingency plan maintained on-site - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.53(a).	GPT	COMMENTS
/	Flan submitted to local emergency response agencies - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.53(b)	GPT	
	Emergency coordinator on-site or on call - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.55	GPT	
	Plan describes actions personnel must take in response to fires, explosions or other releases of hazardous waste - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(a)	GPT	
/	Describes arrangements with emergency response agencies - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(c)	GPT	,
6. 🟹	Lists names, addresses and phone numbers (home and office) of emergency coordinators - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(d)	GPT	
<b>V</b>	Primary emergency coordinator designated - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(d)	GPT	
8. 🔯	List emergency equipment including description, location and capabilities - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(e)	GPT	
	Evacuation plan, if applicable, designates primary and secondary routes and evacuation signal - 10 CSR 25-5.262(1) incorporating 40 CFR 262.34(a)(4) referencing 40 CFR 265.52(f)	GPT	
	West of sommercial property in the following section in the environment of the section of the se	(eto):	COMMENTS
	Bucherengo verconce till vercollengided engredage. Verconstruction	(erola	
3. 🔽	Registered as waste oil generator if gen./accum. 220 lb 10 CSR 25-1.010(2)(A)	GOR	
4. 🔽	Written waste oil contract maintained - 10 CSR 25-11.010(4)(C)	GOR	
5. 🔽	Uses a licensed transorter and receiving facility - 10 CSR 25-11.010(4)	GOR	1
	SOURCE RECOVERY		
	iti saitheator for energy energy or redentation of case of or besiden case or sie in cas security (4.5	(3:01:	Nother comments
	Sill Colonic O'Afrasillus Clemes of Gopally. Sessio an all ses ISMC	(d())=	on or
	Facility is classified as U, R1 or R2 accurately - 10 CSR 25-9.020(3)(A).	GOR	
	Facility meets the operating conditions of certification - 10 CSR 25-9.020(30)(E)3.	GOR	
1	Facility has submitted a written request and received approval from the DNR for all changes in operation including closure - 10 CSR 25-9.020(3)(E) 1. and 2.	GOR	

3. Facility report submitted to DNR quarterly - 10 CSR 25-9.020(3)(E)6. referencing 10 CSR 25-7.264(2)(E)3.	GOR	COMMENTS
7. Facility maintains a written operating record - 10 CSR 25-9.020(3)(E)5. referencing 40 CFR 264.73(b)(1) & (2) as modified by 10 CSR 25-7.264(2)(E)2.	GOR	•
8. Facility has notified EPA and the state that it qualifies for a small quantity on-site burner exemption or has interim status or a permit if it burns hazardous waste on-site - 10 CSR 25-7.266(1) incorporating 40 CFR 266.108 and 40 CFR 266.103.		
9. R2 facility uses an adequate sampling and analysis plan to assess incoming shipments - 10 CSR 25-9.020(3)(C)1.	GOR	
10. R2 facility maintains a daily log of manifest number, wastes received, disposition of waste and corresponding sampling data - 10 CSR 25-9.020(3)(C)2.	GOR	
11. R2 facility has a written closure plan which meets 40 CFR 264.112 requirements - 10 CSR 25-9.020(3)(C)3.	GOR	,
12. R2 facility provides financial assurance for closure - 10 CSR 25-9.020(3)(C)4.	GOR	
CHECKLIST KEY		
Check the ☑ if in compliance.		
Circle the if not in compliance and provide comment.		
N/A = Not Applicable		
A shaded item is a serious deviation from the requirements (Class I v	iolatio	on)
An unshaded item is a significant deviation from the requirements (C	lass II	violation unless conditions warrant Class I)
OMMENTS: INCLUDE DISCUSSION OF FACILITY'S WASTE MINIMIZATION PL	ΔN	
	-, •	
*		
,		
4		
INSPECTOR'S SIGNATURE		DATE 5/10/95
1 1074A / MANN		3//0/75

### ATTACHMENT 1

PLANT #1 LAYOUT SPORLAN VALVE CO. WASHINGTON, MO.



### ATTACHMENT 2

.1308 TSD1308A

# SAFETY-KLEEN CORP WASTE ANALYSIS - RECEIVING REPORT \*\*\* RECEIVING INFORMATION \*\*\*

RUN DATE 02/24/95

FOR RECYCLING

CUSTOMER COPY

ORDER #: 83593 01

SUSTOMER INFORMATION:						•
60-7202	R/C LOCATION: SK	ד אחדוחת	ı	DDIIM	S THIS	GALLONS
SPORLAN VALVE	LAB # : D	DOLTON, I	_		ALYSIS	THIS ANALYSIS
611 E 7TH ST		D1004	PUMPABLE	AIN		
and the same of the same and th		D 1004		:	8	432
WASHINGTON MO 6	3090		NON-PUMPAB		0	0
			WATER	:	0	0
FEDERAL EPA ID: MODOO6299200	DATE RECEIVED : O		THERM-DEST	:	0	0
PRE/SHIP # : 3500534	DATE SUBMITTED: O	2/24/95	INCINERATE	3	0	0
MANIFEST CNTL # : 78743929 A						
MANIFEST DOCUMENT #: 00129			TOTAL		8	432
MANIFEST STATE # : IL4954520						
SUBMITTED AS : WASTE TOE			TOTAL DRUMS	RCVD:	21	
DRUMS COMPOSITED: 8/8			LOADING HOU		1 To 1	TO: 00:00
, , , , , , , , , , , , , , , , , , , ,			20/10/11/10/11/10/11		O	00.00
*********	*******	******	********	******	******	***********
		NAL VOTO				
	*** MATERIAL A	NALYSIS *	**			
GENERAL ANALYSIS: TOTAL SAMPLE	ADI CDAVITY					
	API GRAVITY :	1850 BALLOS - 1850	ICABLE F			
	FLAMMABILITY :		ICABLE F			
WATER CONTENT: 0.0 WT%		Υ				
NON-VOLATILE : O.O WT%	RADIOACTIVITY :					
PH: EXTRACT BY METER 10.3		N.D. <	PPM			
VISCOSITY :	<b>NEUTRALIZATION:</b>	. 70				
SPECIFIC GRAVITY AT F 0.0	OO CENTRIF SOLIDS:	. 0				
GENERAL COMPOSITION (VOL%):	% BY	% TOTAL	TOTAL			
BY APPEARANCE	ANALYSIS	RECEIVED	GALLONS			
AQUEOUS PHASE :	.0					
ORGANIC PHASE :	100.0		432			
BOTTOM SLUDGE :	.0					
BOTTOM SOLID :	.0					
	. 0					
RECOVERY EVALUATION (VOL%): ORG	ANIC PHASE					
BOTTOMS OIL :	40.0	40.0	173	во	TTOMS VI	SC.:
BOTTOMS NON OIL:	.0			во	TTOMS DE	SC.:
WATER EMULSION :	. 0			ES	T. RECOV	ERY: 55.0 %
DISTILLATE :	60.0	60.0	259		ERMOSET	
VOLATILE ORGANIC COMPOSITION: D	TCTTILATE D	Y FID	UNITS: VOLUME	ď		
					DDODUCT	UNIT
VOLATILE ORGANIC COMPOSITION. D	º/ ₽∨	O/ TOTAL				LINE
VOLATILE ORGANIC COMPOSITION. D		% TOTAL	TOTAL RECO			
	ANALYSIS	RECEIVED	GALLONS GAL	LONS	NUMBER	PRICE
TRICHLOROETHYLENE	ANALYSIS 98.7	RECEIVED 59.2	GALLONS GAL 256	LONS 218		
TRICHLOROETHYLENE OTHERS NOT IDENTIFIED OR REPOR	ANALYSIS 98.7	RECEIVED	GALLONS GAL	LONS	NUMBER	
TRICHLOROETHYLENE	ANALYSIS 98.7	RECEIVED 59.2	GALLONS GAL 256	LONS 218	NUMBER	
TRICHLOROETHYLENE OTHERS NOT IDENTIFIED OR REPOR ADDITIONAL ANALYTICAL INFO:	ANALYSIS 98.7	RECEIVED 59.2 .7	GALLONS GAL 256 3	LONS 218	NUMBER	
TRICHLOROETHYLENE OTHERS NOT IDENTIFIED OR REPOR ADDITIONAL ANALYTICAL INFO: LAB REVIEW:	ANALYSIS 98.7 TED (<5.0 1.3	RECEIVED 59.2 .7	GALLONS GAL 256 3 EESSING INFO:	LONS 218 3	NUMBER 1034649	PRICE
TRICHLOROETHYLENE OTHERS NOT IDENTIFIED OR REPOR ADDITIONAL ANALYTICAL INFO:  LAB REVIEW: ACCEPT R	ANALYSIS 98.7 TED (<5.0 1.3 ELEASED: 02/24/95	PROC	GALLONS GAL 256 3 3 ESSING INFO: CODE :	LONS 218 3 DRU	NUMBER 1034649	PRICE
TRICHLOROETHYLENE OTHERS NOT IDENTIFIED OR REPOR ADDITIONAL ANALYTICAL INFO:  LAB REVIEW: ACCEPT R ANALYST: AW REVIEWER: PD A	ANALYSIS 98.7 TED (<5.0 1.3	PROC SEG PROC	GALLONS GAL 256 3 EESSING INFO: CODE :	LONS 218 3 DRU	NUMBER 1034649	PRICE  PABLE : 0
TRICHLOROETHYLENE OTHERS NOT IDENTIFIED OR REPOR ADDITIONAL ANALYTICAL INFO:  LAB REVIEW: ACCEPT R	ANALYSIS 98.7 TED (<5.0 1.3 ELEASED: 02/24/95	PROC SEG PROC	GALLONS GAL 256 3 3 ESSING INFO: CODE :	LONS 218 3 DRU	NUMBER 1034649	PRICE  PABLE : 0

CORPORATE REVIEW:

REVIEWED: / /

REVIEWER: COMMENTS:



INDIANAPOLIS, IN



HERITAGE ENVIRONMENTAL SERVICES, INC.

CORPORATE HEADQUARTERS 7901 WEST MORRIS STREET INDIANAPOLIS. INDIANA 46231 317/243-0811

### **QUOTATION NUMBER**

13216

HES WASTESTREAM NO.

07052709

### WASTESTREAM PROFILE

### WASTE DESCRIPTION / COMMON NAME

FILTERCAKE

### DOT SHIPPING / HAZARD CLASS

RQ, HAZARDOUS WASTE SOLID, NOS, ORM-E, NAS189, (F006)

UPON LABORATORY ANALYSIS OF A REPRESENTATIVE SAMPLE, THE FOLLOWING MAJOR CONSTITUENTS WERE EVALUATED:

	ANALYTE	ACTUAL VALUES	Steel UNIT 18 6	ALLOWABLE RANGE	
002 003 004 005 006 007	CYANIDE TOTAL SULFIDE CYANIDE AMENABLE CYANIDE TOT AQ EXT CYANIDE AMEN AQ EXT SOLIDS SOLUB	ND ND NO 0.08 0.06 92.4 6.9 NO	MG/L MG/L % STD: UNITS		

Any oils, oily wastes or other materials shipped to HES, Inc. which contain detectable levels of PCB's (Polychlorinated Biphenyls) will subject the generator (or other responsible party) to all reasonable costs for proper transport, disposal and or decontamination of all contaminated materials and equipment.

Generators of oils, or oily wastes must provide a certification to HES that the waste is not contaminated with any constituents other than those incidental to normal use

GENERATOR WARRANTY: To the best of my knowledge the above is a true, accurate and complete description of the waste material offered for disposal and/or reclamation.

s well a

(Signat	11501	
Joignal	ure	

1308 TSD1308A

#### SAFETY-KLEEN CORP WASTE ANALYSIS - RECEIVING REPORT \*\*\* RECEIVING INFORMATION \*\*\*

RUN DATE 02/24/95

ORDER #: 83593 02

CUSTOMER COPY

	COUNTRY COLU		
JUSTOMER INFORMATION:			
60-7202	R/C LOCATION: SK DOLTON, IL	DRUMS	THIS GALLONS
SPORLAN VALVE	LAB # : D		YSIS THIS ANALYSIS
611 E 7TH ST	LOT # : 502D1005	PUMPABLE :	13 702
WASHINGTON MO 6309	90	NON-PUMPABLE:	0 702
		WATER :	0 . 0
FEDERAL EPA ID: MODO06299200	DATE RECEIVED : 02/11/95		o o
PRE/SHIP # : 3500528	DATE SUBMITTED: 02/24/95	INCINERATE :	0
MANIFEST CNTL # : 78743929 B	32, 2, 2, 2		ů ů
MANIFEST DOCUMENT #: 00129		TOTAL	13 702
MANIFEST STATE # : IL4954520			,52
SUBMITTED AS : WASTE FLAMMABLE DRUMS COMPOSITED: 13/13	LIQUIDS -mineral Spirits]	TOTAL DRUMS RCVD: LOADING HOURS - FROM	21 I: 00:00 TO: 00:00
************	**************************************	*******************	********
OSNEDAL ANALYSIS TOTAL CANDIE			

API GRAVITY : O.O FLAMMABILITY : NOT APPLICABLE GENERAL ANALYSIS: TOTAL SAMPLE COLOR WATER CONTENT: 0.2 WT% BY

RADIOACTIVITY : NON-VOLATILE : 0.0 WT%

PH: EXTRACT BY METER 8.2 PCB : N.D. PPM

VISCOSITY NEUTRALIZATION: .00 SPECIFIC GRAVITY AT CENTRIF SOLIDS: F 0.000 . 0

FUEL EVALUATION (WT%): TOTAL SAMPLE

HEAT CONTENT: 19960 BTU/LB BROMINE: HALOGENS: 1.3 % FLUORINE: ASH: 0.1 % SULFUR: CHLORINE: PHOSPHORUS:

GENERAL COMPOSITION (VOL%): % BY % TOTAL TOTAL BY APPEARANCE ANALYSIS RECEIVED GALLONS AQUEOUS PHASE . 0

ORGANIC PHASE 100.0 BOTTOM SLUDGE . 0 BOTTOM SOLID .0

VOLATILE ORGANIC COMPOSITION: TOTAL SAMPLE BY FID UNITS: WEIGHT %

% BY % TOTAL TOTAL RECOVERED PRODUCT

ANALYSIS RECEIVED GALLONS GALLONS NUMBER PRICE MEDIUM-BOILING ALIPHATIC HYDROCARBONS (C 77.8

HIGH-BOILING ALIPHATIC HYDROCARBONS (C14 22.2

ADDITIONAL ANALYTICAL INFO:

LAB REVIEW: PROCESSING INFO:

ACCEPT RELEASED: 02/24/95 SEG CODE DRUMS UNPUMPABLE : 0 ANALYST: RAB REVIEWER: SBF ANALYZED: 02/17/95 PROCESS CODE: GALLONS UNPUMPABLE : 0 COMMENTS: PRICING CODE:

WASTE FUEL

CORPORATE REVIEW:

REVIEWER: REVIEWED: / /

COMMENTS:

### ATTACHMENT

### U.S. DEPARTMENT OF LABOR Occupational Safety and Health Administration

Form Approved OMB No. 44-R1387

Required under USDI Safety and U

Shipbuilding	, and S	Shipbreaki	ng (29 CFR 1915, 1916, 1917)	21 g	
		SEC	TION I		4,0 . A 10
MANUFACTURER'S NAME		. 020	·	* 1	
MacDERMID OF BRISTOL, INC.			EMERGENCY TELEPHO		
ADDRESS (Number, Street, City, State, and ZIP of 31 Harwinton Avenue: Plymout	Code	0.65	(203) 583–188	37	•
CHEMICAL NAME AND SYNONYMS	n, U1	t. 0678		- R - R - T	. w idil
CHEMICAL FAMILY	11.77		TRADE NAME AND SYNONYMS KEMBRITE C	VI E	
Chemical Acid Polish			FORMULA	, 49	g. (13.17) - 7
CEATIO		·- ·	the same production of the same of the sam		
SECTION	N 11 -	HAZAF	RDOUS INGREDIENTS		er engle, de
PAINTS, PRESERVATIVES, & SOLVENTS	*	TLV (Units)	ALLOYS AND METALLIC COATINGS	7.	TLV
PIGMENTS		1011(8)	BASE METAL	*	(Units)
CATALYST	1-	4.65			o nyena g
VEHICLE	_	4 11 14	ALLOYS		j.
SOLVENTS	-		METALLIC COATINGS		
		LY,	FILLER METAL PLUS COATING OR CORE FLUX	19191	
ADDITIVES		* a ,	OTHERS.		
OTHERS	15	N 2 X			1 4 4 5
HAZARDOUS MIXTURE	SOF	THER I I	QUIDS, SOLIDS, OR GASES		
	-	JINEN LIC	IUIDS, SOLIDS, OR GASES	×	TLV (Units)
· · · · · · · · · · · · · · · · · · ·		·	Nitric Acid	18	ان کامپرداده دی کامپرداده
			Glacial Acetic Acid	19	
ege a figure de la companya de la c			Phosphoric Acid		James
parties states to	Same Same	and groups and	and the second s	53	
	No.	in the second			
SEC SEC	TION	1111 - P	HYSICAL DATA	A CONTRACTOR	• • • • • • • • • • • • • • • • • • • •
OILING POINT (°F.) greater than		240°F.	SPECIFIC GRAVITY (H20=1)		
APOR PRESSURE (mm Hg.)	1 .	240 г.	PERCENT, VOLATILE	1.	474
APOR DENSITY (AIR=1)	-		BY VOLUME (%)	1	
	*		EVAPORATION RATE		•
OLUBILITY IN WATER	Con	plete		1	
APPEARANCE AND ODOR Clear liq	uid -	punger	nt odor	<del>1 : :</del>	
SECTION IV	FIRE	AND E	XPLOSION HAZARD DATA		ξη'S 1 /3.
N/A	5,11	4	FLAMMABLE LIMITS Lei	<del></del>	Uel
XTINGUISHING MEDIA				上	1.6.
PECIAL FIRE FIGHTING PROCEDURES				a ga	- 1 m
		-		*	
NUSUAL FIRE AND EXPLOSION HAZARDS			to have a gar of the state of t	2.5	

037 \*\*\*

### MATERIAL SAFETY DATA SHEET

PARIS

REV: 04/19/89

CHEMTECH INDUSTRIES, INC. 1655 DES PERES ROAD

PROD 0203

P.O. BOX 31000

E/L. 1.86897

ST. LOUIS, MO 63131 PHONE: (314) 966-9900

HEALTH = 8 REACTIVITY = 0

FIRE = 1 EQUIPMEN) = -

FOR EMERGENCIES INVOLVING SPILL LEAK FIRE OR EXPOSURE, CALL 1-800-424-9300 DAY OR NIGHT

HAZARD RATINGS:

0 = LEAST 1 = SLIGHT2 = MODERATE B = HIGH

A == EXTREME

SECTION I PRODUCT DESCRIPTION

PRODUCT NAME: TRICHLORETHYLENE ...

SYNONYMS:

TRICHLOR: ETHYLENE TRICHLORIDE

CHEMICAL FAMILY:

CHLORINATED HYDROCARBONS

INGREDIENT % CAS # TLU

SECTION II PRODUCT COMPOSITION

TRICHLOROETHYLENE > 99 79-01-6 CTHIS PRODUCT IS CONSIDERED TO BE A TOXIC CHEMICAL UNDER TITLE III. EMISSIONS DATA MUST BE SUBMITTED ANNUALLY TO THE EPA FOR COMPANIES WHO MANUFACTURE. PROCESS OR OTHERWISE USE THIS PRODUCT IN EXCESS OF CERTAIN GUANTITIES. ESTABLISHED BY THE EPA. THIS INFORMATION MUST BE INJUDED IN ALL MSDS THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL )

SOILING RANGE:

87.0 C (188 F)

SPECIFIC GRAVITY (WATER#1): 1.45

VAPOR PRESSURE AT 200 (MM OF HG):

57.8

VAPOR DENSITY (AIRMI):

4.54

SOLUBILITY IN WATER:

SLIGHT

EVAPORATION RATE (N-BOAC=1):

0.3

% VOLATILES

APPEARANCE AND ODOR: COLORLESS LIQUID: SWEET, CHLORINATED COOR.

, 1

LOWER FLAMMABILITY LIMITS (% IN AIR): 8.0 UPPERHIO.5

FLASH POINT (AND METHOD):

DOES NOT EXHIBIT A FLASH POINT

FLAMMABILITY CLASSIFICATION:

NOT CLASSIFIED

RECOMMENDED EXTINGUISHING MEDIA: DOES NOT BURN UNDER NORMAL CIRCUMSTANCES

SPECIAL FIRE FIGHTING PROCEDURES: SELF-CONTAINED RESPIRATORY PROTECTION SHOULD BE WORN ALONG WITH PROTECTIVE CLOTHING. USE WATER SPRAY ON CLOSED CONTAINERS TO KEEP THEM COOL AND PREVENT PRESSURE BUILDUP.

UNUSUAL FIRE/EXPLOSION HAZARDS: AT HIGH TEMPERATURES, IRICHLORETHYLENE DECOMPOSES TO GIVE OFF HYDROCHLORIC ACID GAS AND OTHER IRRITATING VAPORS.

THRESHOLD LIMIT VALUE: TWA= 50 PPM (270 MG/M3) STEL: 200 PPM (1080 MG/M3) OSHA PEL: TWA= 50 PPM (270 MG/M3) STEL: 200 PPM (1080 MC/M3) ACUTE TOXICITY: LD50(ORAL-RAT) 4900 MG/KG

EFFECTS OF OVEREXPOSURE: INHALATION CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION AND POSSIBLE CENTRAL NERVOUS SYSTEM DAMAGE WITH OVEREXPOSURE INHALATION MAY ALSO CAUSE IRRITATION OF THE RESPIRATORY TRACT. DIZZINESS. NAUSEA, HEADACHE, LOSS OF COORDINATION AND EQUILIBRIUM, UNCONSCIOUSNESS AND EVEN DEATH. CONTACT WITH EYES AND SKIN CAN CAUSE IRRITATION. PROLUNGED EXPOSURE ABOVE THE OSHA PERMISSIBLE EXPOSURE LIMIT MAY COMPLICATE EXISTING LIVER AND KIDNEY DISEASES. TRICHLORGETHYLENE IS LISTED AS A SUSPECT CARCINGGEN UNDER TARC. ALCOHOL CONSUMED BEFORE OR AFTER EXPOSURE MAY INCREASE ADVERSE REACTIONS TO THIS PRODUCT.

### EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES AND CE! MEDICAL ATTENTION SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND SHOES. WASH EXPOSED AREAS WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL

ATTENTION.

INHALATION:

REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE

ARTIFICIAL RESPIRATION, GET MEDICAL ATTENTION

INGESTION:

GIVE 2 GLASSES OF WATER AND INDUCE VOMITING. GET MEDICAL

ATTENTION IMMEDIATELY!

----WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF ----CALIFORNIA TO CAUSE CANCER/BIRTH DEFECTS OR OTHER

----REPRODUCTIVE HARM.

STABILITY: STABLE

CONDITIONS TO AVOID: EXTREME HEAT OR OPEN FLAME

INCOMPATIBILITY WITH OTHER MATERIALS: STRONG OXIDIZERS: CAUSTICS

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, HCL. TRACES OF PHOSGENE

...

AND ORGANIC CHLORIDES.

HAZARDOUS FOLYMERIZATION: WILL NOT OCCUR

PROCEDURES IF MATERIAL IS SPILLED OR RELEASED: VENTILATE AREA. AVOID BREATHING VAPOR. REMOVE WITH INERT ABSORBENT AND SWEEP INTO CLOSED CONTAINERS FOR DISPOSAL. AFTER ALL VISIBLE TRACES. INCLUDING IGNITABLE VAPORS. HAVE BEEN REMOVED. THOROUGHLY WET VACUUM THE AREA DO NOT FLUSH TO SEWER! TAKE PRECAUTIONS AS NECESSARY TO PREVENT CONTAMINATION OF GROUND AND SURFACE

WASTE DISPOSAL PROCEDURES: REPROCESS OR INCINERATE PER LOCAL, STATE AND FEDERAL POLLUTION REGULATIONS. CONSULT A PERMITTED HAZARDOUS WASTE MANAGEMENT FACILITY

SECTION VIII --- SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

A NIOSH-APPROVED RESPIRATOR FOR ORGANIC VARGO-

LOCAL EXHAUST:

RECOMMENDED

PROTECTIVE GLOVES:

SOLVENT RESISTANT VINYL OR NEOPGENE

EYE PROFECTION.

SAFETY GOGGLES REQUIRED

OTHER PROTECTIVE EQUIPMENT: EYE-WASH, SAFETY SHOWER, PROTECTIVE LIGHTING

CONTAINS CHLORINATED SOLVENT, KEEP AWAY FROM HEAT AND OPEN FLAMES. USE ONLY WITH ADEQUATE VENTILATION. AUGID PROLONCED OR REPEATED BREATHING OF VAPORS OR SPRAY MISTS AVOID CONTACT WITH EYES, SKIN AND CLOTHING. KEEP CONTAINER CLOSED WHEN NOT IN USE

#### GIHER PRECAUTIONS

30 NOT STORE ABOVE 49 C (120F). STORE LARGE AMOUNTS IN STRUCTURES MADE FOR THIS TYPE OF PRODUCT. EMPTY CUNTAINER HAZARDOUS, CONTINUE ALL LAREL PRECAUTIONS DO NOT FLAME CUT, BRAZE OR WELD CONTAINER.

THE INFORMATION MEREIN IS PRESENTED IN GOOD FAILY AND BELIEVED TO BE CORRECT AS OF THE DATE HEREOF, HOWEVER, CHEMTECH MAKES NO REPRESENTATION AS TO THE COMPLETENESS AND ACCURACY THEREOF. USERS MUST MAKE THEIR OWN DETERMINATION AS TO THE SUCCABILITY OF THE PRODUCT FOR THEIR PURPOSES PRIOR TO USE.

NO REPRESENTATIONS OR WARRANTIES. EITHER EXPRESS OR IMPLIED. TH MERCHANTABILITY, FIINESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE WITH RESPECT TO THE PRODUCT OR TO THE INFORMATION PERRETN IS MADE HEREUNDER. CHEMTECH SHALL IN NO EVENT BE

PROD 0906 B/L \1386997

RESPONSIBLE FOR ANY DAMAGES OF WHATSOEVER NATURE DIRECTLY OF INDIRECTLY RESULTING FROM THE PUBLICATION OR USE OF UR TRELIANCE UPON INFORMATION CONTAINED HEREIN.







P. O. BOX 332 • WASHINGTON, MISSOURI 63090 Phones: (314) 239-3555 or 239-6574 Residential, Commercial & Farm Service

757 755 055	Family or Description
Mineral spirit	
THIS PRODUCT IS CL	LASSIFIED AS: NOT HAZARDOUS: NOT HAZARDOUS: ON ATTACHED EXPLANATION SHEETS
WARNING STATE	
WARN	ING! CAUSES IRRITATION TO EYES
	MAY CAUSE IRRITATION TO SKIN
	COMBUSTIBLE
OCCUPATIONAL	CONTROL PROCEDURES
Protective Equipment	(Type) Chemical type goggles must be worn. Do not wear contact lenses.
Eyes:	Chemical type goggles mast be worm. So not wear content temperature
Skin:	Protective clothing such as uniforms, coveralls or lab coats
	should be worn. Launder or dry clean when soiled. Gloves resistant to chemicals and petroleum distillates required.
	tant to chemicals and petroleum distillates required.
inhalation:	Supplied air respiratory protection for cleaning large spills or
	upon entry into tanks, vessels, or other confined spaces.
Ventilation:	Local exhaust ventilation recommended
Permissible Concentrat	ions:
Air:	For stoddard solvent, 100 ppm averaged over an 8 hr. exposure
7310.	(ACGIH 1987-88); 500 ppm TWA OSHA (PEL).
EMERGENCY AND	FIRST AID PROCEDURES
First Aid	Flush thoroughly with water for at least fifteen minutes. Get
Eves:	medical attention.
Skin	Wash exposed areas with soap and water.
Ingestion:	Do NOT induce vomiting. Aspiration of the fluid can cause
	serious lung injury, i.e. chemical pneumonitis. CALL A DOCTOR
	IMMEDIATELY.
Inhalation:	Should symptoms noted under physiological effects occur, remove
	to fresh air. If not breathing, apply artificial respiration.

None.

Other Instructions:

PHYSIOLOGICAL	EFFECTS: Code
(1115)OLOGICAL	No. 75733
Effects of Exposure	
A Section of the Control of the Cont	
Acute: Eyes:	Believed to cause moderate eye irritation.
Lyes.	Berreved to cause moderate eye irritation.
	The state of the s
Skin:	Believed to be moderately irritating; Believed to cause
	redness, edema or drying of the skin.
Respiratory System:	Respiratory irritation, dizziness, drowsiness and, in poorly ven-
	tilated/confined spaces, unconsciousness, asphyxiation may result.
	criated/contined spaces, unconsciousness, aspnyxiation may resure.
Chronic:	Prolonged or repeated skin contact may cause drying or cracking
	of the skin.
_	
•	
Other:	-See Additional Comments, pg-6.
Other	-see Additional Comments, pg-o.
Sensitization Properties	s:
Skin: Yes N	lo Unknown X Respiratory: Yes No Unknown X
Median Lethal Dose (L	Dec LC so )(Species)
Oral	
18-18-18-18-18-18-18-18-18-18-18-18-18-1	Believed to be 3400 ppm/4 hr exposure (rat)
Inhalation ————	
Dermal	Believed to be > 3 g/kg (rabbit); practically non-toxic
Other	N. D.
Irritation Index, Estima	tion of Irritation (Species)
Skin	Believed to be 3-5/8.0 (rabbit); moderately irritating
Eyes	Believed to be 25-50/110 (rabbit); moderately irritating
Symptoms of Exposur	See above.
FIRE PROTECTION	INFORMATION
- 0-	450 F Flash Point OF (Method) 102 F (CC)
Ignition Temp. <sup>O</sup> F	
Flammable Limits (%)	Lower 1.1 Upper 6.1
Products Evolved Whe	en Subjected to Heat or Combustion:
	Carbon monoxide and carbon dioxide may be formed on burning in
	limited air supply.
Recommended Fire Ex	tinguishing Agents And Special Procedures:
	According to the National Fire Protection Guide 49, combustible
	liquid fires may be extinguished by water spray, dry chemical,
	foam or carbon dioxide. Use water to keep fire-exposed containers
	cool. If a leak or spill has not ignited, use water spray to
	disperse the vapors and to provide protection for persons at-
	tempting to stop the leak.
	tempting to stop the reak.
Unusual or Explosive H	
	Vapors heavier than air, may travel, be ignited at remote loc-
	ations and flash back. Explosive air-vapors mixtures may occur.

ENVIRONMENTAL PROTECTION Code No. 75733
Waste Disposal Method: Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures and processes may change classification to non-hazardous or hazardous for reasons other than, or in addition to ignitability. (See Remarks for Waste Classification.)
Procedures in Case of Breakage or Leakage: (Transportation Spills Call CHEMTREC (800) 424-9300) Avoid contact with eyes. Ventilate area. Avoid breathing vapor. Use self-contained breathing apparatus or supplied-air mask for large spills in confined areas. Contain spill if possible. See additional comments on page 6 of this MSDS.
Remarks: Waste Classification: Product (as presently constituted) has the RCRA characteristic of ignitability and if discarded in its purchased form would have the hazardous waste number D001.
PRECAUTIONS *
WARNING! CAUSES IRRITATION TO EYES  MAY CAUSE IRRITATION TO SKIN  COMBUSTIBLE
Keep away from heat, sparks and flame. Keep container closed. Avoid contact with eyes and prolonged contact with skin. Use only in well-ventilated locations. Avoid prolonged breathing of vapor or mist. Keep head away from container. when opening or dispensing. Wash thoroughly after handling.
Requirements for Transportation, Handling and Storage:  Store away from heat and open flame. Placard required only when material is contained in packaging or container that exceeds 110 gallons, or in tank car or tank truck. Transport, handle, and store in accordance with OSHA Regulation 1910.106 and applicable DOT Regulations.
DOT Proper Shipping Name: Petroleum Naphtha  DOT Hazard Class (if applicable): Combustible Liquid. UN 1255
CHEMICAL AND PHYSICAL PROPERTIES
Boiling Point (PF) 313-333 Vapor Pressure 2.7 @ 20 (mmHg)
Specific Gravity 0.778 (H <sub>2</sub> O=1) Vapor Density 4.73 (Air=1)
Appearance and Odor Clear, colorless liquid; sweet naphtha odor
pH of undiluted product N.A. Solubility Neg.
Percent Volatile by Volume 100 Evaporation N.D. ( )= 1
Viscosity N.D. Other
Hazardous Polymerizations ———— Occur ———————————————————————————————————

MPOSITION Code No. 75	733

Chemical/Common Name	CAS No.	Exposure Limit	Range in %
*Benzene	71432	10ppm TWA ACGIH 1 ppm TWA OSHA	0.01 - 0.09
Mixture C9-C10 aliphatic hydrocarbons	64742887	5 ppm STEL OSHA 100 ppm TWA (ACGIH)	100.00

\*Hazardous according to OSHA (1910.1200) or one or more state Right-To-Know lists.

				*****************
SARA TITLE III				
I. Title III Section 302/304 Extremely Hazardous Subs Component	tance CAS No.	%	RQ (Lbs) . TR	PQ (Lbs)
NONE				
II. CERCLA Section 102(a) Hazardous Substance				
Component To Zian Trazardos Societarios	CAS No.	%	RQ (Lbs)	
Benzene	71432	0.01-0.09	1000	
~				(e)
III. Title III Section 311 Hazard Categorization Acute Chronic Fire	Pressure	Reactive	Not Applicable	
X IV. Title III Section 313 Toxic Chemicals		%		
Component	CAS No.	/0		
NONE				

٦.

Code

No.

75733

### 75733 TEXSOLVE S-2

WARNING! CAUSES IRRITATION TO EYES MAY CAUSE IRRITATION TO SKIN COMBUSTIBLE

Keep away from heat, sparks and flame. Keep container closed. Avoid contact with eyes and prolonged contact with skin. Use only in well-ventilated locations. Avoid prolonged breathing of vapor or mist. Keep head away from container when opening or dispensing. Wash thoroughly after handling.

Respiratory irritation, dizziness and drowsiness may result from exposure to vapors or mist. In poorly ventilated confined spaces, unconsciousness and asphyxiation may result. If these effects occur, remove to fresh air, and if necessary, administer artificial respiration, preferably mouthto-mouth. Call a doctor. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Wash skin with soap and plenty of water. If swallowed, DO NOT induce vomiting. Call a doctor immediately. In case of fire use water spray, foam, dry chemical or CO2.

Chemical/Common	Name	CAS No.	Range	in	%
enzene		71432	0.01	-	0.09

Mixture C9-C10 aliphatic hydrocarbons

64742887

100.00

\*Hazardous according to OSHA (1910.1200) or one or more state Right-To-Know lists.

HMIS

Health Reactivity: 0 Flammability: 2 Special

DOT Proper Shipping Name: Petroleum Naphtha

DOT Hazardous Class : Combustible Liquid, UN 1255

CAUTION: Misuse of empty containers can be hazardous. Empty containers can be hazardous if used to store toxic, flammable or reactive materials. Cutting or welding of empty containers might cause fire, explosion or toxic fumes from residues. Do not pressurize or expose to open flame or heat. Keep container closed and drum bungs in place.

HEALTH EMERGENCY TELEPHONE: (914) 831-3400 (EXT. 204)

Texaco Inc. 2000 Westchester Avenue White Plains, New York 10650 For Additional Information Concerning:

Fuels/Lubricants/Antifreezes call (914) 831-3400 (EXT.204) Chemicals call (512) 459-6543 Transportation Spills call CHEMTREC (800) 424-9300 TEXACO INTENDS TO COMPLY FULLY WITH PROVISIONS OF THE TOXIC SUBSTAINCES CONTINUE ACT STATE OF MICHIGAN CRITICAL MATERIALS ACT (REVISED 1987)
Benzene 0.09 % (max.)

Petroleum hydrocarbon solvents containing low molecular weight branched aliphatic hydrocarbons have been associated with kidney damage in male rats upon repeated exposure. The significance of these findings in humans has not been established as similar effects are not generally observed in female rats or mice of either sex.

To determine applicability or effect of any law or regulation with respect to the product, users should consult his legal advisor or the appropriate government agency. Texaco does not undertake to furnish advice on such matters.

Ry	F. E. Bentley		Title Coordinator of Product Safety
Date	06-06-88	New	Revised, Supersedes 04-19-88

N.D. - Not Determined

< - Less Than

N.A. - Not Applicable > - Greater Than

### ATTACHMENT 4

Update MISSOURI DEI WASTE MANA

MISSOURI DEPARTMENT OF NATURAL RESOURCES WASTE MANAGEMENT PROGRAM

### NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

.HNG 001911

SEND TO MISSOURI DEPARTMENT OF NATURAL RESO P.O. BOX 176, JEFFERSON CITY, MO 65102	URCES, WAS	TE MANAGEMENT PROGRAM
FOR OFFICIAL USE ONLY		
	MENTS	W. W
c c		
INSTALLATION'S EPA ID NUMBER	APPROVED	PATE RECEIVED YR. MO. DAY
° 40006299200 TAC		071 SLRO
1. NAME OF INSTALLATION		On SERO
S P O R L A N V A L V E		
S P O R L A N V A L V E	COM	P A N Y
STREET OR P.	O. BOX NUME	BER
3 P O B O Y 2 O 5	18 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
3 P O B O X 2 0 5 CITY OR TOWN		
		STATE ZIP CODE
4 WASHINGTON	н	MO63090
III. LOCATION OF INSTALLATION	ND NUMBER	
C	NO NUMBER.	
5 6 1 1 E A S T 7 T H S	T R E	ET
CITY OR TOWN		STATE ZIP CODE
6 WASHINGTON		M 06 3 0 9 0
IV. INSTALLATION CONTACT		14 00 5 0 5 0
NAME AND TITLE (LAST, FIRST, AND JOB TIT	LE)	TELEPHONE NUMBER
2 K I E W I T T D U A N E	EN	G R 3 1 4 2 3 9 3 7 3 2
V. OWNERSHIP		9 1 2 2 3 3 3 7 3 2
A. NAME OF INSTALLATION'S LEGAL OW	NER	B. TYPE OF OWNERSHIP (ENTER CODE)
R S P O R L A N V A L V E	COM	PANYP
IV. TYPE OF REGULATED WASTE ACTIVITY (MARK "X" IN THE APPR	OPRIATE BO	
A. HAZARDOUS WASTE ACTIVITY		B. USED OIL FUEL ACTIVITIES
K1a. GENERATOR 16. LESS THAN 1,000 KG./M	0. 000	FF-SPECIFICATION USED ONE PROPERTY OF THE PROP
2. TRANSPORTER  3. TREATER/STORER/DISPOSER	(ente	FF-SPECIFICATION USED QUE
4. UNDERGROUND INJECTION		L GENERATOR MARKETING TENERER D. OTHER MARKETER MAY 5 1989
5. MARKET OR BURN HAZARDOUS WASTE FUEL(enter X & mark appropriate boxes	below)	BURNER
☐ A. GENERATOR MARKETING TO BURNER ☐ B. OTHER MARKETER ☐ C. BURNER	7. ŞI	PECIFICATION USED OIL FUEL MARKETER PROMPHICE INCOME
D. COTTAGE	R W	HO FIRST CLAIMS THE OIL MEETS THE SPECTFEREN
VII. WASTE FUEL BURNING: TYPE OF COMBUSTION DEVICE		4 44% 8 11 11 11 11
(Enter 'X' in all appropriate boxes to indicate type of combustion oil fuel is burned. See instructions for definitions of combustion devi	n device(s) ir icee)	which hazardous waste fuel or off-specification used
☐ A. UTILITY BOILER ☐ B. INDUSTRIAL BOIL	ER	C. INDUSTRIAL FURNACE
VIII. MODE OF TRANSPORTATION (TRANSPORTERS ONLY-ENTER")	C IN THE APP	ROPRIATE BOX(ES)
☐ A. AIR ☐ B. RAIL ☐ C. HIGHWAY	□ D.	WATER
IX. FIRST OR SUBSEQUENT NOTIFICATION		
Mark "X" In the appropriate box to indicate whether this is your installation's fl not your first notification, enter your installation's EPA ID Number in the space pro-	rst notification	
		C. INSTALLATION'S EPA I.D. NUMBER
The separation of the formation of	OMPLETE ITEN	(C) M O D O O 6 2 9 9 2 0 0
IO 780-1164 (8-88) EPA 8700-12/	MONR HWG-1	CONTINUE ON REVERSE

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V DESCOURTING									w					-						I/4	4
X. DESCRIPTION	N OF HAZAR	DOUS W	ASTE																		+
A. Wastes from Nor sources your inst	allation handle	s. Below e	ach nu	ar th	e lour- r, enter	monthi	umbe ly ger	r from Peration	40 ( ame	OFR F	art 2	61.31 nds a	for e	ach li	sted it	naza e A,	ardous B, or	waste C.	from	nonsp	ec
WASTE I.D. NO.	F 0	0	L		F	0	0	6											Τ		T
AMOUNT AND FREQUENCY	2163	ibs.	A		146	57	lbs.	A	<u></u>				ibs.				L	1	lbs.	-	1
B. Wastes from Spe your installation h	cific Sources andles. Below	(K-List). E	nter th	he for	ur-digit	numbe	er fro	m 40	CFR	Part 2	261.32	for	each	listed	hazan	dou	s was	te from	п врес	ific so	urc
WASTE I.D. NO.						T					1		oquer	cy coc	A, 6	3, 0	, C.				T
AMOUNT AND FREQUENCY		ibs.		Ĺ			lbs.		ነ	_		1	lbs.		5	۲		L	lbs.		1
C. Commercial Chemi which may be hazar	cal Product Wa	stes (W an	d P Lis	te). E	nter the	four-di	git nu	mber fi	om 4	0 CFR	Part :	261.3		ach ch	emical	sul	bstanc	e vour		tion be	
which may be hazar WASTE LD. NO.	dous waste. Be	low each n	umber,	enter	the mo	inthly go	eneral	lion am	ount	in pou	nds ar	nd fre	quenc	y code	A, B, 6	or C	).	700.	1	1	T-
AMOUNT AND		1	-4	4					7						4	لم			<u></u>	<u> </u>	Ц
FREQUENCY		lbs.		L			lbs.						lbs.						lbs.	Ŀ	
D. (Reserved)										-											
E. Characteristics of 8 handles. (See 40 CF code A, B, or C.	Nonlisted Hazar R Parts 261.21	dous Was - 261.24) E	les. Ms Below e	irk an	'X' in oox that	the box	es co	orrespo	nding e mod	to th	e cha genera	racte	ristics	of nor	betaili bease	haz in p	zardou	s wast	es you	r install	atio
AMOUNT AND	1.	GNITABI (D001)	LE						2.	COF		IVE						3.	REA	CTIVE	_
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FREQUENCY		Ibs.					lbs.		۱ ۱				16.		ካ	1		I	Ц	<del>                                     </del>	ጎ
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MISSOURI GENEI	RATOR ID N	UMBER				RIRE		The same of the same of	INF		019										
PRINCIPAL BUSI						anuf			of .						-1	1					_
S.I.C. CODE (LEA				M)				T	<i></i>		nge	Tal	IL C	DILLI	01 /	/a_	Lves				_
						·	1	3		9   4	<u> </u>							•			
CHECK THIS BOX	ON	INCHA!	7400	JUM	IULAI	ELES	55 11	HAN	RE	POR	TAB	LE (	IAUC	ידודע							
certify under pendocuments, and that information is true, the possibility of findanture	alty of law the tale of ta	nd comp	e pers of the lete. I	sonal ose in am	ily exa ndividu aware	that t	there	are s	igni	ficant	pen	r obt altie	ainin s for	g the i subm	subm nform	nitte nat g fa	ed in ion. I	this a believ	ind all e the ation,	attac submi inclu	he tte
HALL								ID OFFI							~	1	DATE	 5 /	1/8	9	_
0 780-1164 (8-88)	· ce		2			MIT	TCT.	L J.		=110	л,	V.F	0	C MF	٠.			~ <i>/</i>	. \ 0	1	

### I EM VIII — TYPE OF REGULATED WASTE ACTIVITY:

- A) Hazardous Waste Activity: Mark an "X" in the appropriate box(es) to show which hazardous waste activities are going on at this installation.
  - 1) Generator: If you generate a hazardous waste that is identified by characteristic or listed in 40 CFR Part 261, mark an "X" in the appropriate box for the quantity of non-acutely hazardous waste that would indicate your highest generation rate for a month plus amount currently in storage. If you generate acutely hazardous waste please refer to 40 CFR Part 262 for further information.
  - 2) Transporter: If you transport hazardous waste, indicate if it is your own waste, for commercial purposes, or mark both boxes if both classifications apply. Mark an "X" in each appropriate box to indicate the method(s) of transportation you use. Transporters do not have to complete Item IX of this form, but must sign the certification in Item X. The Federal regulations for hazardous waste transporters are found in 40 CFR Part 263.
  - 3) Treater/Storer/Disposer: If you treat, store or dispose of regulated hazardous waste, then mark an "X" in this box. You are reminded to contact your State to request Part A of the RCRA Permit Application. The Federal regulations for hazardous waste facility owners/operators are found in 40 CFR Parts 264 and 265.
  - 4) Hazardous Waste Fuel: If you market hazardous waste fuel, place an "X" in the appropriate box(es). If you burn hazardous waste fuel on-site, place an "X" in the appropriate box and indicate the type(s) of combustion devices in which hazardous waste fuel is burned.

**Note:** Generators are required to notify for waste-as-fuel activities only if they market directly to the burner.

"Other Marketer" is defined as any person, other than a generator marketing hazardous waste, who markets hazardous waste fuel.

- 5) Underground Injection Control: If you generate and/ or treat, store or dispose of hazardous waste, place an "X" in the box if an injection well is located at your installation. "Underground Injection" means the subsurface emplacement of fluids through a bored, drilled or driven well; or through a dug well, where the depth of the dug well is greater than the largest surface dimension.
- B) Used Oil Fuel Activities: Mark an "X" in the appropriate box(es) to indicate which used oil fuel activities are taking place at this installation.
  - 1) Off-Specification Used Oil Fuel: If you market off-specification used oil, place an "X" in the appropriate box(es). If you burn used oil fuel place an "X" in the box(es) below to indicate type(s) of combustion devices in which off-specification used oil fuel is burned.

**Note:** Used oil generators are required to notify only if marketing directly to the burner.

"Other Marketer" is defined as any person, other than a generator marketing his or her used oil, who markets used oil fuel. 2) Specification Used Oil Fuel: If you are the first to claim that the used oil meets the specification established in 40 CFR 266.40(e) and is exempt from further regulation, you must mark an "X" in this box.

#### ITEM IX — DESCRIPTION OF REGULATED WASTES:

(Only persons involved in hazardous waste activity (Item VIII.A.) need to complete this item. Transporters requesting a U.S. EPA Identification Number do not need to complete this item, but must sign the "Certification" in Item X.)

You will need to refer to 40 CFR Part 261 in order to complete this section. Part 261 identifies those wastes that EPA defines as hazardous. If you need help completing this section, please contact your State.

- A) Characteristics of Nonlisted Hazardous Wastes: If you handle hazardous wastes which are not listed in 40 CFR Part 261, Subpart D but do exhibit a characteristic of hazardous waste as defined in 40 CFR Part 261, Subpart C, you should describe these wastes by the EPA hazardous waste number for the characteristic. Place an "X" in the box next to the characteristic of the wastes you handle. If you mark "4. Toxicity Characteristic," please list the specific EPA hazardous waste number for the specific contaminant(s) in the box(es) provided. Refer to Section VIII to determine the appropriate hazardous waste number.
- B) Listed Hazardous Wastes: If you handle hazardous wastes that are listed in 40 CFR Part 261, Subpart D, enter the appropriate 4-digit numbers in the boxes provided.

**Note** — If you handle more than 12 listed hazardous wastes, please continue listing the waste codes on the extra sheet provided.

C) Other Wastes: If you handle other wastes or State regulated wastes that have a waste code, enter the appropriate code number in the boxes provided.

#### ITEM X — CERTIFICATION:

This certification must be signed by the owner, operator, or an authorized representative of your installation. An "authorized representative" is a person responsible for the overall operation of the facility (i.e., a plant manager or superintendent, or a person of equal responsibility). All notifications must include this certification to be complete.

### MISSOURI REQUIRED INFORMATION

ITEM XI — MISSOURI GENERATOR ID NUMBER - If your business has been previously assigned a six-digit Missouri Generator Identification Number, enter it here.

STANDARD INDUSTRIAL CLASSIFICATION NUMBER - Enter the four-digit standard industrial classification number, as used by the U.S. Office of Management & Budget, that best typifies your business.

PRINCIPAL BUSINESS ACTIVITY - Enter a description of the activity that best typifies your business, i.e., manufacture steel chairs and related products.

### ITEM XII — COMMENTS:

Use this space for any additional comments and Missouri specific information.

MAIL COMPLETED FORMS TO:
MISSOURI DEPARTMENT OF NATURAL RESOURCES
HAZARDOUS WASTE PROGRAM
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102

Estimated burden: Public reporting burden for this collection of information is estimated to be 3.5 hours, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St., S.W., Washington, D.C. 20460; and to the Paperwork Reducton Project (2050-0028), Office of Management and Budget, Washington, D.C. 20503.

### LINE-BY-LINE INSTRUCTIONS FOR COMPLETING EPA FORM 8700-12/MDNR HWG-1

Type or print in black ink all items except Item X, "Signature," leaving a blank box between words. The boxes are spaced at 1/4" intervals which accommodate elite type (12 characters per inch). When typing, hit the space bar twice between characters. If you print, place each character in a box. Abbreviate if necessary to stay within the number of boxes allowed for each Item. If you must use additional sheets, indicate clearly the number of the Item on the form to which the information on the separate sheet applies.

(NOTE: When submitting a subsequent notification form, notifiers must complete in their entirety Items I, II, III, VI, VIII and X. Other sections that are being added to (i.e., newly regulated activities) or altered (i.e., installation contact) must also be completed all other sections may be left blank.)

### ITEM I — INSTALLATION'S EPA ID NUMBER:

Place an "X" in the appropriate box to indicate whether this is your first or a subsequent notification *for this site*. If you have filed a previous notification, enter the EPA Identification Number assigned to this site in the boxes provided. Leave EPA ID Number blank if this is your first notification *for this site*.

Note: When the owner of a facility changes, the new owner must notify U.S. EPA of the change, even if the previous owner already received a U.S. EPA Identification Number. Because the U.S. EPA ID Number is "site-specific," the new owner will keep the existing ID number. If the facility moves to another location, the owner/operator must notify EPA of this change. In this instance a new U.S. EPA Identification Number will be assigned, since the facility has changed locations.

## ITEMS II AND III — NAME AND LOCATION OF INSTALLATION:

Complete Items II and III. Please note that the address you give for Item III, "Location of Installation," must be a physical address, not a post office box or route number.

County Name and Code: Give the county code, if known. If you do not know the county code, enter the county name, from which EPA can automatically generate the county code. If the county name is unknown contact the local Post Office. To obtain a list of county codes, contact the National Technical Information Service, U.S. Department of Commerce, Springfield, Virginia, 22161 or at (703) 487-4650. The list of codes is contained in the Federal Information Processing Standards Publication (FIPS PUB) Number 6-3.

### ITEM IV — INSTALLATION MAILING ADDRESS:

Please enter the Installation Mailing Address. If the Mailing Address and the Location of Installation (Item III) are the same, you can print "Same" in box for Item IV.

### ITEM V — INSTALLATION CONTACT:

Enter the name, title, and business telephone number of the person who should be contacted regarding information submitted on this form.

### ITEM VI — INSTALLATION CONTACT ADDRESS:

A) Code: If the contact address is the same as the location of installation address listed in Item III or the installation mailing address listed in item IV, place an "X" in the appropriate box to indicate where the contact may be reached. If the location of installation address, the installation mailing address, and the installation contact address are all the same, mark the

"Location" box. If an "X" is entered in either the location or mailing box, Item VI.B. should be left blank.

B) Address: Enter the contact address only if the contact address is different from either the location of installation address (Item III) or the installation mailing address (Item IV), and Item VI.A. was left blank.

#### ITEM VII - OWNERSHIP:

- A) Name: Enter the name of the legal owner(s) of the installation, including the property owner. Also enter the address and phone number where this individual can be reached. Use the comment section in XII or additional sheets if necessary to list more than one owner.
- B) Land Type: Using the codes listed below, indicate in VII.B. the code which best describes the legal status of the current owner of the facility:

F = Federal C = County
S = State M = Municipal
I = Native American D = District
P = Private O = Other

C) Owner Type: Using the codes listed below, indicate in VII.C. the code which best describes the legal status of the current owner of the facility:

F = Federal C = County
S = State M = Municipal
I = Native American D = District
P = Private O = Other

D) Change of Owner Indicator: (If this is your installation's first notification, leave Item VII.D. blank and skip to Item VIII. If this is a subsequent notification, complete Item VII.D. as directed below.)

If the owner of this facility has changed since the facility's original notification, place an "X" in the box marked "Yes" and enter the date the owner changed.

If the owner of this facility has not changed since the facility's original notification, place an "X" in the box marked "No" and skip to Item VIII.

If an additional owner(s) has been added or replaced since the facility's original notification, place an "X" in the box marked "Yes". Use the comment section in XI to list any additional owners, the dates they became owners, and which owner(s) (if any) they replaced. If necessary attach a separate sheet of paper. Please refer to the Instructions for Filing Notification before completing this form. The information requested here is required by law Section 3010 of the Resource Conservation and



MISSOURI DEPARTMENT OF MAJ HAZARDOUS WASTE PROGRAM P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 (314) 751-3176 MISSOURI DEPARTMENT OF NATURAL RESOURCES DATE RECEIVED FOR OFFICIAL USE ONLY)

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A. Hazardous Waste Activity						В.	Used Oil	Fuel Activ	vities		
1. Generator (See Instructions)  a. Greater than 1000kg/mo (2,200 lbs.)  b. 100 to 1000 kg/mo (220 - 2,200 lbs.)  c. Less than 100 kg/mo (220 lbs.)  2. Transporter (Indicate Mode in boxes 1-5 below)  a. For own waste only  b. For commercial purposes  Mode of Transportation  1. Air  2. Rail  3. Highway  4. Water	A. Haz  a. C  b. C  c. B	e: A perminstruction ardous W Generator Other Mar Boiler and 1. Sme 2. Smandicate T 1. Utili	aste Fuel Marketing to E	or this a Burner Furnace	ctivity;		1. Off-Sp a. Ger b. Oth c. Bur Typ 2. Specif On-sit	ecification nerator Mar er Markete ner - indica e of Comb  1. Utility Bo 2. Industria 3. Industria ication Use e Burner) Y the Specifi	Used O keting t rs ate device ustion D biler al Boiler al Furna d Oil Fu /ho Firs	ce(s) - Device ce	ner
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C. Other Wastes. (State or other wastes requiring	an I D nu	mber S	ee instruction	15.)							
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X. Certification											
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XI. Missouri Required Information											
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XII. Comments											
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### DEFINITIONS

The following definitions are included to help you to understand and complete the Notification Form:

ACT or RCRA means the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act of 1976, as amended by the Hazardous and Solid Waste Amendments of 1984, 42 U.S.C. Section 6901 et seq.

Authorized Representative means the person responsible for the overall operation of the facility or an operational unit (i.e., part of a facility) e.g., superintendent or plant manager, or person of equivalent responsibility.

Boiler means an enclosed device using controlled flame combustion and having the following characteristics:

- (1) the unit has physical provisions for recovering and exporting energy in the form of steam, heated fluids, or heated gases;
- (2) the unit's combustion chamber and primary energy recovery section(s) are of integral design (i.e., they are physically formed into one manufactured or assembled unit);
- (3) the unit continuously maintains an energy recovery efficiency of at least 60 percent, calculated in terms of the recovered energy compared with the thermal value of the fuel:
- (4) the unit exports and utilizes at least 75 percent of the recovered energy, calculated on an annual basis (excluding recovered heat used internally in the same unit, for example, to preheat fuel or combustion air or drive fans or feedwater pumps); and
- (5) the unit is one which the Regional Administrator has determined on a case-by-case basis, to be a boiler after considering the standards in 40 CFR 260.32.

Burner means the owner or operator of any boiler or industrial furnace that burns hazardous waste fuel for energy recovery and that is not regulated as a RCRA hazardous waste incinerator.

Disposal means the discharge, deposit, injection, dumping, spilling, leaking, or placing of any solid waste or hazardous waste into or on any land or water so that such solid waste or hazardous waste or any constituent thereof may enter the environment or be emitted into the air or discharged into any waters, including ground waters.

Disposal Facility means a facility or part of a facility at which hazardous waste is intentionally placed into or on any land or water, and at which waste will remain after closure.

EPA Identification (I.D.) Number means the number assigned IVE(2) Persons who market used oil fuel that meets the by EPA to each generator, transporter, and treatment, storage, or disposal facility.

Facility means all contiguous land, structures, other appurtenances, and improvements on the land, used for treating, storing, or disposing of hazardous waste. A facility may consist of several treatment, storage, or disposal operational units (e.g., one or more landfills, surface impoundments, or combinations of them).

Generator means any person, by site, whose act or process produces hazardous waste identified or listed in 40 CFR Part 261.

Hazardous Waste means a hazardous waste as defined in 40 CFR 261.3.

Hazardous Waste Fuel means hazardous waste and any fuel that contains hazardous waste that is burned for energy recovery in a boiler or industrial furnace that is not subject to regulation as a RCRA hazardous waste incinerator. However, the following hazardous waste fuels are subject to regulation as used oil fuels:

- (1) Used oil fuel burned for energy recovery that is also a hazardous waste solely because it exhibits a characteristic of hazardous waste identified in Subpart C of 40 CFR Part 261; and
- (2) Used oil fuel mixed with hazardous wastes generated by a small quantity generator subject to 40 CFR 261.5.

Industrial Boiler means a boiler located on the site of a facility engaged in a manufacturing process where substances are transformed into new products, including the component parts of products, by mechanical or chemical processes.

Industrial Furnace means any of the following enclosed devices that are integral components of manufacturing processes and that use controlled flame combustion to accomplish recovery of materials or energy: cement kilns, lime kilns, aggregate kilns (including asphalt kilns), phosphate kilns, coke ovens, blast furnaces, smelting furnaces, refining furnaces, titamium dioxide chloride process oxidation reactors, methane reforming furnaces, pulping liquor recovery furnaces, combustion devices used in the recovery of sulfer values from spent sulfuric acid, and other devices as the Administrator may add to this list.

Marketer means a person who markets hazardous waste fuel or used oil fuel. However, the following marketers are not subject to waste-as-fuel requirements (including notification) under Subparts D and E of 40 CFR Part 266:

(1) Generators and initial transporters (i.e., transporters who receive hazardous waste or used oil directly from generators including initial transporters who operate transfer stations) who do not market directly to persons who burn the fuels; and

specification provided under 40 CFR 266.40(e) and who JUN 2 1 1995 are not the first to claim the oil meets the specification. Municipality means a city, village, town, borough, county, parish, district, association, Indian tribe or authorized Indian tribal organization, designated and approved management agency under Section 208 of the Clean Water Act, or any other public body created by or under State law and having jurisdiction over disposal of sewage, industrial wastes, or other wastes.

Off-Specification Used Oil Fuel means used oil fuel that does not meet the specification provided under 40 CFR 266.40(e).

Operator means the person responsible for the overall operation of a facility.

Owner means a person who owns a facility or part of a facility, including landowner.

Specification Used Oil Fuel means used oil fuel that meets the specification provided under 40 CFR 266.40(e).

Storage means the holding of hazardous waste for a temporary period, at the end of which the hazardous waste is treated, disposed of, or stored elsewhere.

Transportation means the movement of hazardous waste by air, rail, highway, or water.

**Transporter** means a person engaged in the off-site transportation of hazardous waste by air, rail, highway, or water.

Treatment means any method, technique, or process, including neutralization, designed to change the physical, chemical, or biological character or composition of any hazardous waste so as to neutralize such waste, or so as to recover energy or material resources from the waste; or so as to render such waste nonhazardous, or less hazardous; safer to transport, store or dispose of; or amenable for recovery, amenable for recovery, amenable for storage, or reduced in volume. Such term includes any activity or processing designed to change the physical form or composition of hazardous waste so as to render it nonhazardous.

**Used Oil** means any oil that has been refined from crude oil, used, and as a result of such use, is contaminated by physical or chemical impurities. Wastes that contain oils that have not been used (e.g., fuel oil storage tank bottom clean-out wastes) are not used oil unless they are mixed with used oil.

Used Oil Fuel means any used oil burned (or destined to be burned) for energy recovery including any fuel produced from used oil by processing, blending or other treatment, and that does not contain hazardous waste (other than that generated by a small quantity generator and exempt from regulation as hazardous waste under provisions of 40 *CFR*261.5). Used oil fuel may itself exhibit a characteristic of hazardous waste and remain subject to regulation as used oil fuel provided it is not mixed with hazardous waste.

**Utility Boiler** means a boiler that is used to produce electricity, steam or heated or cooled air or other gases or fluids for sale.

Waste Fuel means hazardous waste fuel or off-specification used oil fuel.